



Report for the Guest Lecture delivered by



Professor Valery Vodovozov

Department of Electrical Power Engineering and Mechatronics Tallinn University of Technology, Estonia

Organized by

***Department of Production Technology,
Centre of Robotics and Automation
Centre for Aerospace Research,
Department of Electronics,
Dept. of Instrumentation engineering
MIT campus, Anna University***

Professor Valery Vodovozov has delivered lecture on **Energy-Efficient Intelligent Control of Robotics**. He presented on the challenges on modelling, control and optimization of aspect manipulator to save the energy during the process. Further, the faculty members, scholars and students of Production technology, electronics, Centre for Robotics and Automation, Instrumentation Engineering, Aeronautical Engg interacted with him.



Guest lecture Professor Valery Vodovozov on Energy-Efficient Intelligent Control of Robotics



Partiipants for guest lecture



Visit to Robotics Lab



Panel Discussion with **Professor Valery Vodovozov**

The faculty members, scholars and students of Production Technology, Electronics, Centre for Robotics and Automation, Instrumentation Engineering has discussed the following for the possible collaboration of following points:

1. The Department of Production Technology and Centre for robotics and automation faculty members has discussed student exchange opportunities, faculty visit, partial delivery of lectures, and research collaboration in robotics.
2. Instrumentation and electronics engineering team discussed about the research possibilities and clarification on neural networks, SOC estimation, fuzzy logic control etc.
3. As a first step, it was proposed to identify specific common area and person/group, decide on avenues to foster collaboration.
4. Prof. Valery accepted to deliver few lectures for specific topics of his interest area.
5. He proposed to start with students from TalTech and Anna University working on a common problem.



Finally, the talk and panel discussion end with thanking by Head of the Department, Production Technology, MIT Campus.